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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/650,679	08/30/2000	NAOKI HASHIMOTO	107179	1119

25944 7590 12/23/2003

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EXAMINER

LAMB, TWYLER MARIE

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 12/23/2003

5

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/650,679

Applicant(s)

HASHIMOTO ET AL.

Examiner

Twyler M. Lamb

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 August 2000.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Yokoe et al. (Yokoe) (US 5,481,367).

With regard to claim 1, Yokoe discloses a print system (Figure 1) comprising: a client device (host computer 5) that deals with print data, the client device including related data setting unit that sets related image data for the print data (col 2, lines 55-63), and a transmission unit (controller 1) that transmits the print data and the related image data (col 2, lines 64-67), and a print control device (controller 1) connected to the client device (col 2, lines 21-32), the print control device including a receiving unit (RAM 4, buffer 4A) that receives the print data and the related image data from the client device (col 2, lines 33-38). and a memory (RAM 4) that stores the print data and the related image data in correspondence with the print data, wherein at least one of the client device and the print control device includes an output unit that output the related image data when requested by a user (col 2, lines 54 – col 3, line 16).

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With regard to claim 2, Yokoe also discloses wherein the output unit includes at least one of a display (host computer 5) that displays the related image data and a printer engine (laser printer 7) that prints out the related image data stored in the memory of the print control device (col 3, lines 11-16).

With regard to claim 3, Yokoe also discloses wherein the related data setting unit sets at least one set of related image data for one set of print data (col 2, lines 55-63).

With regard to claim 4, Yokoe also discloses wherein the related data setting unit selects one of the at least one set of related image data as representative image data, and the output unit outputs the representative image data (col 2, lines 55-63).

With regard to claim 5, Yokoe also discloses wherein at least one of the client device and the print control device further includes an input unit (key panel 10) through which a user selects at least one page of the print data stored in the memory of the print control device (col 2, lines 30-32), and a printer engine (laser printer 7) that prints out the at least one page selected by the user (col 3, lines 11-16).

With regard to claim 6, Yokoe also discloses wherein when the user has selected a plurality of pages of the print data, the printer engine prints out the plurality of pages in an order in which the user has selected the plurality of pages (col 2, lines 54 – col 3, line 16).

With regard to claim 7, Yokoe also wherein the print control device further includes an erasure unit that erases print data for page other than the at least one page selected by the user from the memory (col 3, lines 17-20).

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Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yokoe et al. (Yokoe) (US 5,481,367) in view of Murahashi (US 5,864,652).

With regard to claim 8, Yokoe does not clearly teach wherein the related data setting unit generates reduced data by reducing the print data by a predetermined reduction rate, the related data setting unit setting the reduced data as the related image data.

Murahashi discloses a printer that includes wherein the related data setting unit generates reduced data by reducing the print data by a predetermined reduction rate, the related data setting unit setting the reduced data as the related image data (col 5, lines 33-43).

There fore it would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Yokoe to include wherein the related data setting unit generates reduced data by reducing the print data by a predetermined reduction rate, the related data setting unit setting the reduced data as the related image data as taught by Murahashi. It would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Yokoe by the teaching of Murahashi to achieve greater storage as taught by Murahashi in col 5, lines 33-43.

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The limitations of claims 9-27 are met by the rejections above.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Twyler Lamb whose telephone number is 703 - 308-8823. The examiner can normally be reached on M-TH (8:30-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L Coles can be reached on 703-308-4712. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-872-9314 for After Final communications.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, DC 20231

or faxed to:

(703) 872-9314

(for informal or draft communications, such as proposed amendments to be discussed at an interview; please label such communications "PROPOSED" or "DRAFT")

or hand-carried to:

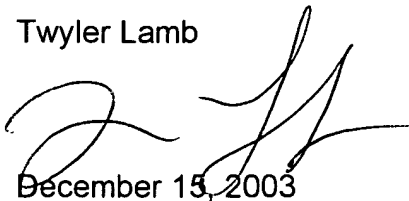
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December 15, 2003